

INTELEX

CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

COUNTRY Czechoslovakia

SUBJECT Prototype of Heavy Tank Built by Skoda  
and CKDPLACE  
ACQUIREDDATE OF  
ACQUIRED

REPORT NO.

CD NO.

DATE DISTR. 12 April 1951

NO. OF PAGES 1

NO. OF ENCLS.  
(LISTED BELOW)SUPPLEMENT TO  
REPORT NO.

25X1A

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SOURCE

In 1948 the construction of a 46-ton tank to be powered by a 1,000 h.p. engine was contemplated. A prototype of this tank was to be built by the Skoda Works in collaboration with the Ceskomoravska Kolben Danek (CKD) plant under the guidance of the Military Technical Institute (VTU). The engine built by Skoda for the tank was to be a 24 cylinder, x-type engine, cooled by means of a ventilator to each of the four banks of cylinders.

2. The chief CKD ~~designer~~ working on the tank prototype was Ing. Surin, a Russian emigre, about 50 years old, married and living in Prague-Bulovka. Although not a Communist, he cooperates with them. Surin is considered to be the foremost tank designer in the Communist-dominated part of the world.

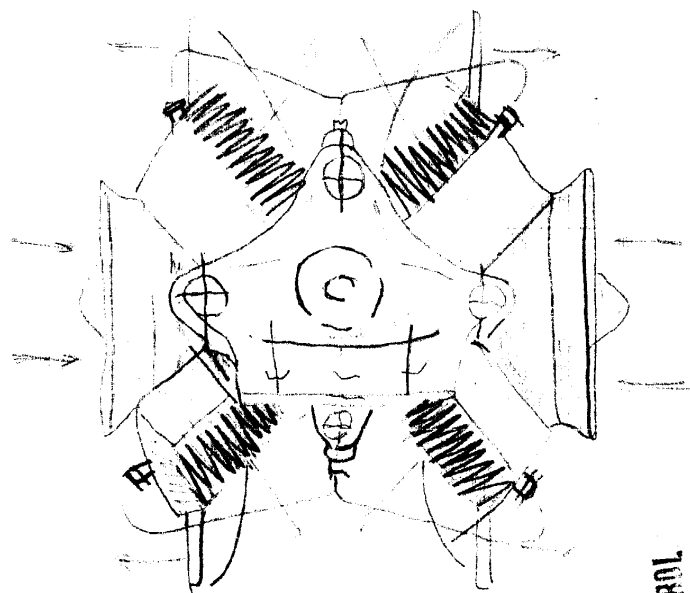
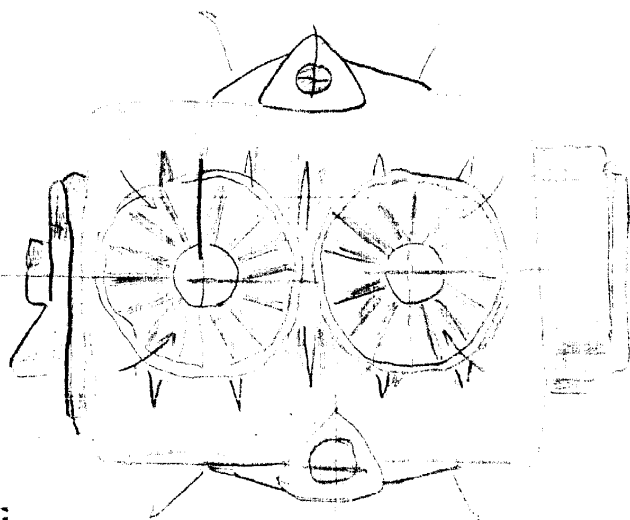
Attachment: Sketch of the cooling system of the 24 cylinder Skoda tank engine.

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Cooling System of the 24 Cylinder Skoda Tank Engine

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REPORT NO.

## CD NO.

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NO. OF ENCLS. 9 Annexes \*  
(LISTED BELOW)

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\* Comment. For photographs, and diagrams of the radio installations, see Annexes 1 through 9. The existence of the radio installation near Plauen was known previously. See [redacted] The photographs indicate that all three radio installations are of the same type. They probably are Adcock DF stations. This assumption is supported by the fact that the antenna masts were not interconnected and that the roof of the cabin in the middle of the masts was fitted with auxiliary antenna as used for sensing. It is not known whether the DF stations determined the DF data optically or acoustically. The following items showing on the photographs are noteworthy: The antennae are fitted with leads extending from the middle of the mast to the DF receiver (apparently H-system); the antenna masts are standing on insulators; the diagonal between the antenna masts is equal to the length of these masts, i.e. about 9 meters. It is believed that the DF stations are operated by a radio intercept station of a Soviet Army unit.

9 Annexes: three blueprints (sketches) and six photographs. (Annexes to Army, Air and Navy only).

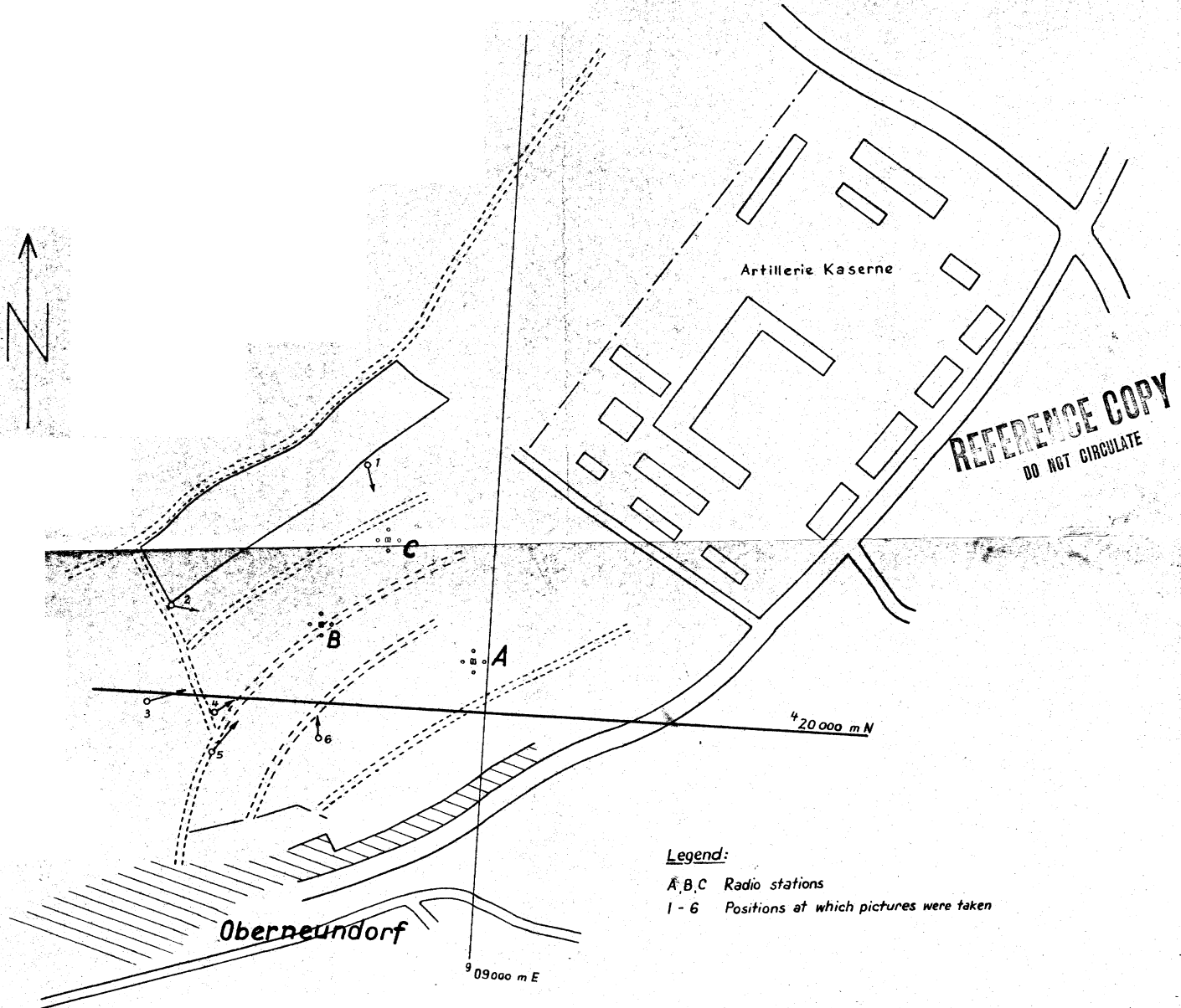
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# Soviet Radio Stations at Plauen-Oberneundorf

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Scale about 1:2,500

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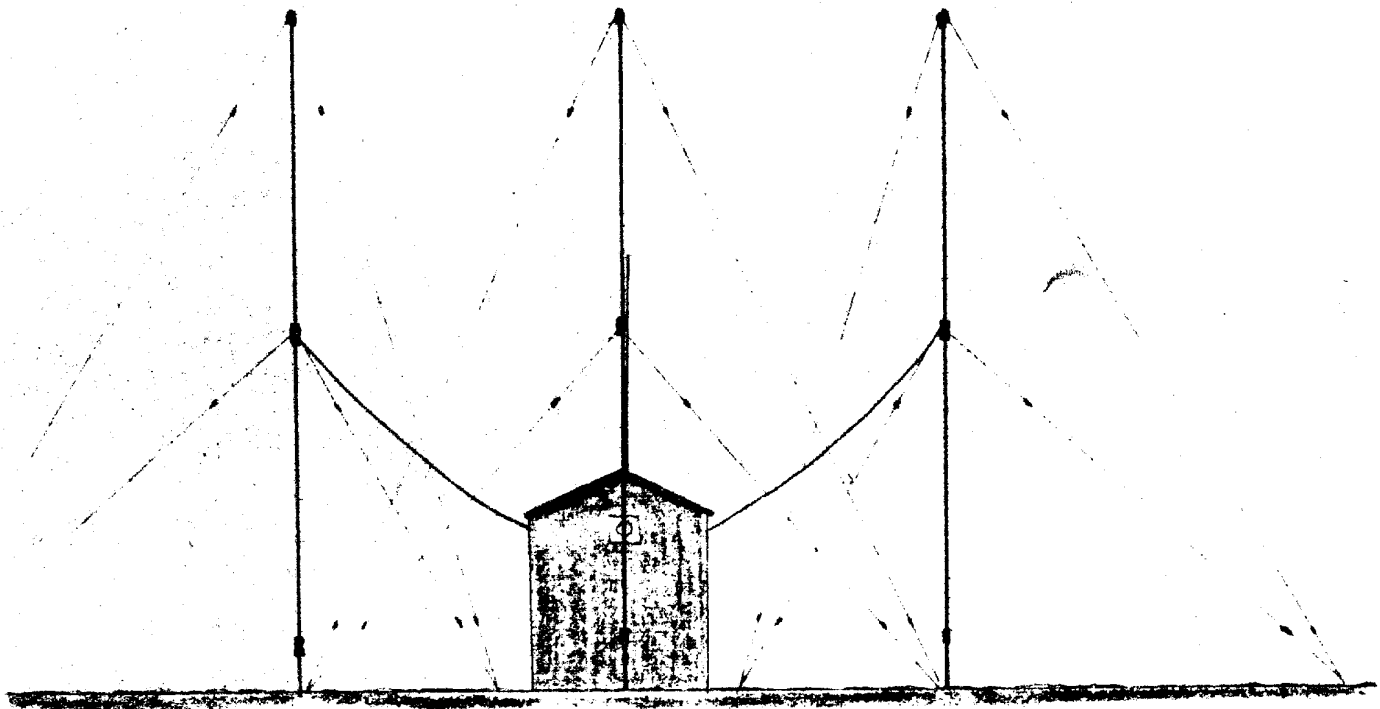
Annex 2

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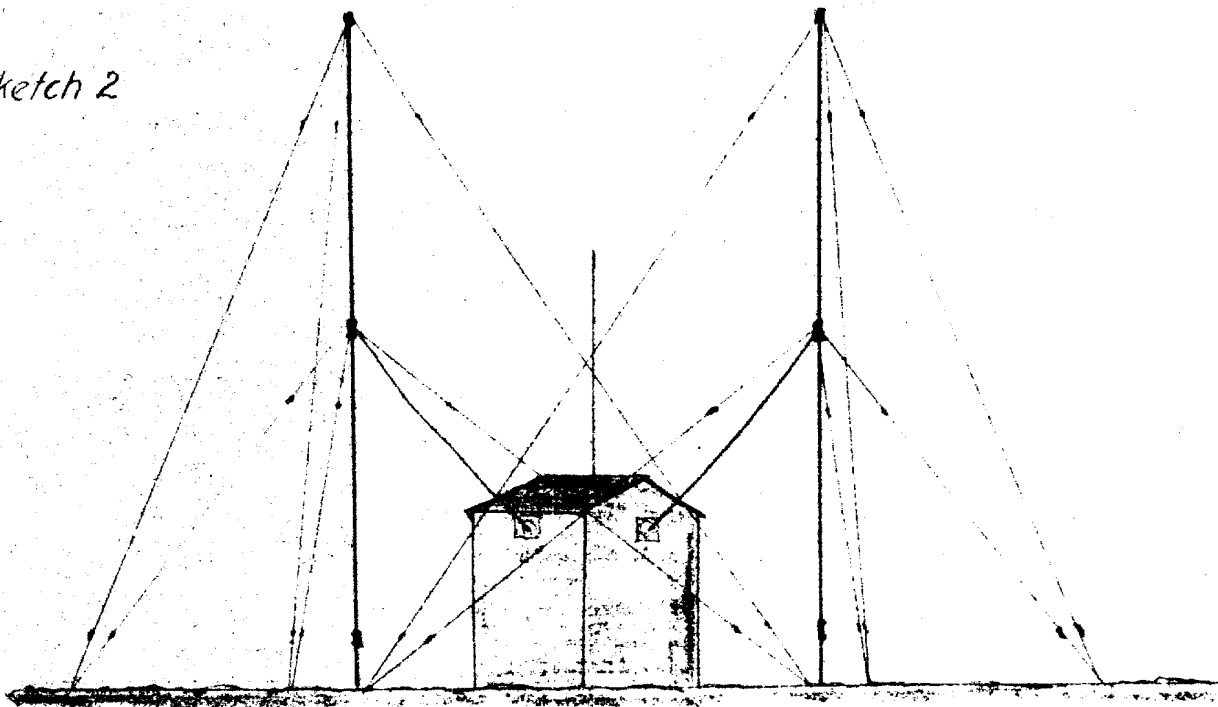
Side View of Radio Station *Libertador*

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*sketch 1*



*sketch 2*



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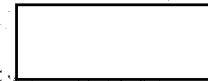
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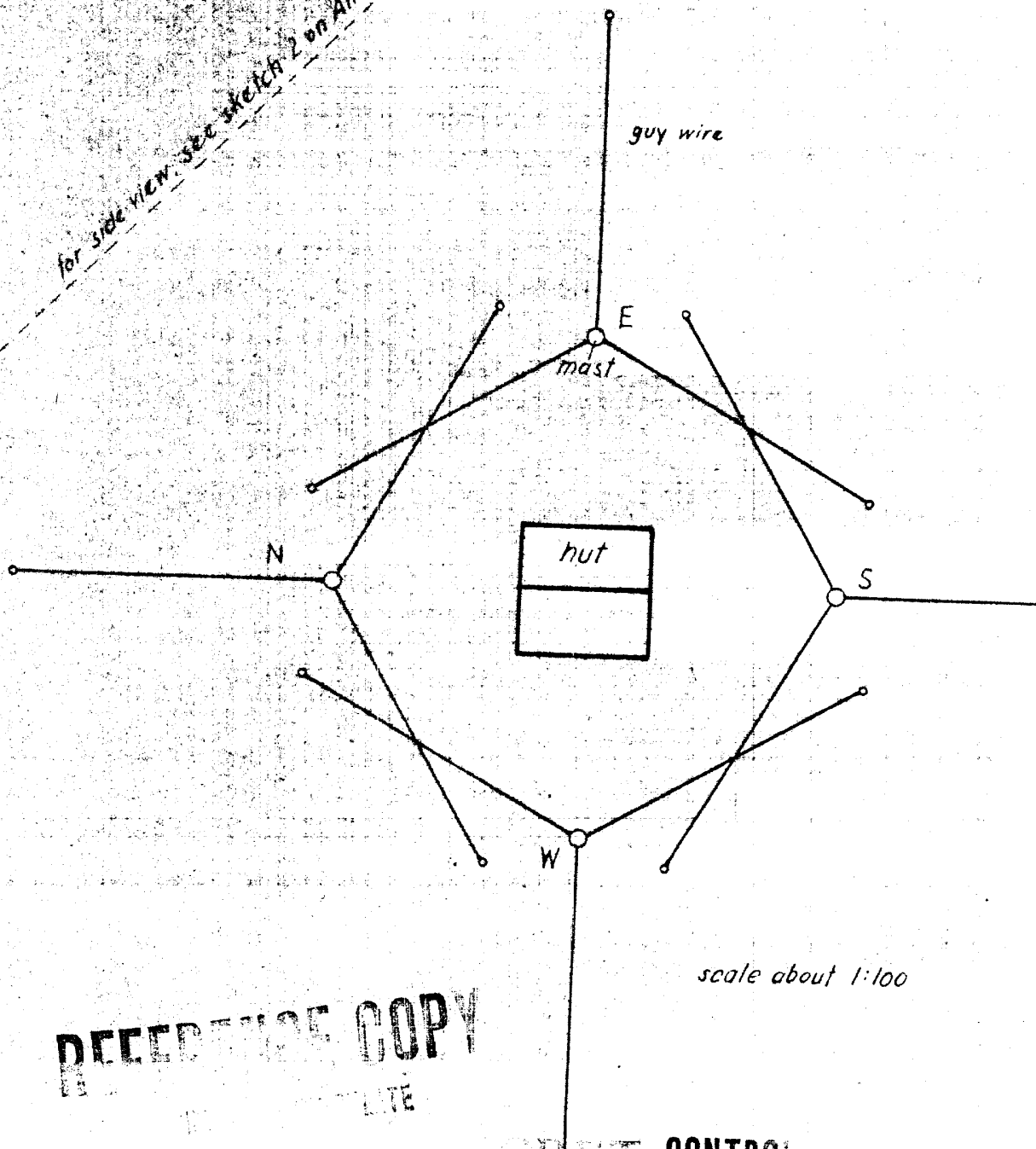
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Annex 3 25X1A



*Layout of a Radio Station at Plauen-Oberneundorf.*

*for side view see sketch 2 on Annex 1*



*for side view see sketch 1 on Annex 2*

*scale about 1:100*

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